

I 025162
-001

Spurling, Norman

From: Steeger, Thomas
Sent: Tuesday, May 14, 2013 7:06 AM
To: Miller, Robert; Spurling, Norman
Subject: FW: residue samples
Attachments: verhoek bee samples.pdf

See also
I 025163-001

Bob—attached are the residue data from the Verhoek beekill reported through NPIC.

From: Randell Verhoek [<mailto:r.verhoek@harvesthoneyinc.com>]
Sent: Monday, April 22, 2013 9:16 AM
To: Steeger, Thomas
Subject: Re: residue samples

Hello Tom,

As a matter of fact I just received the test results Friday afternoon. I had already made report on the NPIIC web-site working with Bob Miller. I am planning to give Bob a call when I get a chance as we were going to try to figure out if you could fill out a report on the website and later on go back and add additional residues.

Please find attached report. I have monsanto here for the next couple of days finishing up an experiment so will be pretty busy.

Best regards,
Randy

Randy Verhoek
Harvest Honey, Inc.
Bismarck, ND
Cell: [REDACTED]

--- On Mon, 4/22/13, Steeger, Thomas <Steeger.Thomas@epa.gov> wrote:

From: Steeger, Thomas <Steeger.Thomas@epa.gov>
Subject:
To: "Randell Verhoek" <r.verhoek@harvesthoneyinc.com>
Date: Monday, April 22, 2013, 4:41 AM

Greetings Randy,

I hope this finds you well and that your bees have rallied after the almond pollination.

In early March you indicated that your colonies in California had been sprayed and arrangements were made to have samples collected for residue analyses by the California Dept. of Pesticide Regulation. Would you be willing to submit a report to EPA with respect to this beekill incident? If so, then the report can be linked to the residue data once they become available.

Tom

Thomas Steeger, Ph.D.

Senior Science Advisor

Environmental Fate and Effects Division

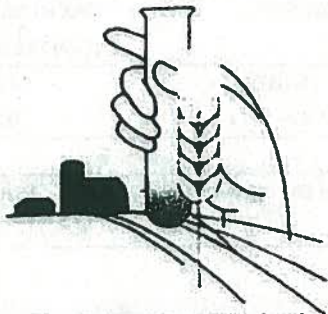
U.S. EPA Office of Pesticide Programs (MC 7507P)

(703) 305-5444 (office)

steeger.thomas@epa.gov

FAX MESSAGE

California Department of Food and Agriculture



Center for Analytical
Chemistry

Department of Food and Agriculture
Center for Analytical Chemistry-Residue
3292 Meadowview Road
Sacramento, CA 95832
916-228-6856
916-228-6876 (FAX)

TO: Pesticide Enforcement

DATE: 4/19/2013 TIME: 1:30pm

☐ Main Office

☐ Northern Region

☒ Central Region

☐ Southern Region

ATTN: _____

County

FROM: Sacramento Pesticide Residue and Food Safety Laboratory

=====

6 Sheet(s) to follow. Please date and initial and fax back this cover sheet when received

Contents: RESULTS OF ANALYSIS ☒ CAC ☐ Market

Sample no. R1360067 to R1360069

_____ to _____

Sample no. _____ is a violation

Fax Received by: _____ DATE: _____ TIME: _____

Please Note:

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STATE OF CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION
SAMPLE ANALYSIS REPORT
 PR-ENF-030 (REV. 11/05)

Page 1 2

Important:

1. Use only one analysis report form per sample.
2. Complete chain of evidence record on reversal.
3. Use black ink and print legibly.
4. The original will be returned to you.

For Laboratory Use Only

LABORATORY CONDUCTING ANALYSIS

☐ ANAHEIM

☒ SACRAMENTO

DATE SAMPLE
RECEIVED

3-14-13

TIME RECEIVED

0230

LABORATORY NUMBER

R13C00067

A. Sample Analysis Requester

AGENCY NAME (Complete name)

DPR (Central Regional Office - Louie Guerra)

TELEPHONE NUMBER

(559) 248-8111

FAX NUMBER

(559) 243-8115

ADDRESS

1130 E. Shaw Ave Suite 100

CITY

Fresno

STATE

CA

ZIP CODE

93710

B. Sample Source

PROPERTY OPERATOR/COMPLAINANT NAME

Randy Verhoeck

OPERATOR IDENTIFICATION OR PERMIT NO.

TELEPHONE NUMBER

ADDRESS

P.O. Box 599

CITY

Danbury

STATE

Texas

ZIP CODE

77534

SECTION, TOWNSHIP, RANGE

Chowchilla

SAMPLE LOCATION (Address or Description)

West Side of Almond Orchard

SITE IDENTIFICATION NUMBER

COUNTY

Madera

C. Sample Information

SAMPLE CONSISTS OF:

Brown paper bag 1 lb of dead bees

COMMODITY (Acres, if applicable)

Bees

SAMPLE IDENTIFICATION MARKS

LG031213-1

BASIS FOR SAMPLE (Check one box only)

☐ HEALTH HAZARD

☐ PLANT SYMPTOMS

☒ ANIMAL ILLNESS/ BEE LOSS

☐ ENVIRONMENTAL EFFECTS

IS THIS A CONTROL SAMPLE?

☐ YES ☒ NO

IS THIS A COMPOSITE?

☒ YES ☐ NO

DESCRIPTION OF PROBLEM

Bees may have been killed by pesticides

SAMPLE COLLECTOR'S SIGNATURE

PRINT NAME

Cory Shares

DATE SAMPLE COLLECTED

03-08-13

D. Laboratory Instructions

SAMPLE PRIORITY (Priority descriptions on reverse side of this form)

☐ #1 ☒ #2 ☐ #3

SAMPLE DISCARD DATE

7/15/13

COMMENTS

E. Specific Analysis Requested

PESTICIDE DETECTED

AMOUNT

UNITS

MDL

EXT CODE

DET CODE

☒ Full Screen

☐

☐

SCREENS

☐ ORGANOPHOSPHATE (OP)

☐ CARBAMATE (CARB)

☐ CHLORINATED HYDROCARBON (CHC)

☐ SURFACE/SWAB (Indicate total Surface Area)

☐ SURFACE/SWAB (Indicate Solvent Used)

☐ DISLODGEABLE (Indicate Punch Size)

DATE ANALYSIS COMPLETED

4/15/13

CONFIRMED BY

GC AAA
LCMS

CHEMIST'S SIGNATURE

[Signature]

RESULTS: ☐ FAXED ☐ PHONED DATE

SAMPLE REJECTED

You must complete the custody record on reverse side of this form or samples may not be analyzed.

5
7
1

4

R13000067

R13C00067		Pesticide Detected	Amount	Units	MDL	Ext Code	Det Code
Full Screen		Bifenthrin	0.106	ppm	0.01ppm	805	35M
		Chlorothalonil	0.543	ppm	0.03ppm		
		Cypermethrin	0.022	ppm	0.02ppm		
		Fenvalerate Total	0.110	ppm	0.01ppm		
		Fluralinate	0.013	ppm	0.01ppm		
		Iprodione	1.64	ppm	0.01ppm		
		Oxyfluorfen	0.037	ppm	0.02ppm		
		Basalid	1.88	ppm	0.01ppm	805	52M
		Carbendazim	1.88	ppm	0.01ppm	805	52M
		Diuron	0.052	ppm	0.04ppm	805	52M
		Pyraclostrobin	1.14	ppm	0.01ppm	805	52M
			1.23	ppm			
			41.1513				
		Pymprocyfen	0.045	ppm	0.01ppm	805	52M
	Saflufenacil	0.030	ppm	0.02ppm	805	52M	
① 4/12/13		Carbendazim	1.02	ppm	0.01ppm	805	52M
		Carbendazim	1.13	ppm	0.01ppm	805	52M

Results relate only to the sample tested

Result, relate only to the sample tested

STATE OF CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION
SAMPLE ANALYSIS REPORT
PR-ENF-030 (REV. 11/05)

Page 1 2

Important: 1. Use only one analysis report form per sample. 2. Complete chain of evidence record on reversal. 3. Use black ink and print legibly. 4. The original will be returned to you.	For Laboratory Use Only LABORATORY CONDUCTING ANALYSIS <input type="checkbox"/> ANAHEIM <input checked="" type="checkbox"/> SACRAMENTO		LABORATORY NUMBER R13C00068
	DATE SAMPLE RECEIVED 3-14-13	TIME RECEIVED 0730	

A. Sample Analysis Requester		TELEPHONE NUMBER	FAX NUMBER
AGENCY NAME (Complete name) DPR (Central Regional Office - Louie Guerra)		(559) 248-8111	(559) 243-8115
ADDRESS 1130 E. Shaw Ave Suite 100	CITY Fresno	STATE CA	ZIP CODE 93710

B. Sample Source		TELEPHONE NUMBER
PROPERTY OPERATOR/COMPLAINANT NAME Randy Verhoeck	OPERATOR IDENTIFICATION OR PERMIT NO. [REDACTED]	
ADDRESS P.O. Box 599	ZIP CODE 77534	
CITY Danbury	STATE Texas	ZIP CODE 77534
SECTION, TOWNSHIP, RANGE Chowchilla	SAMPLE LOCATION (Address or Description) East Side of Almond Orchard	SITE IDENTIFICATION NUMBER [REDACTED]
		COUNTY Madera

C. Sample Information		BASIS FOR SAMPLE (Check one box only)	IS THIS A CONTROL SAMPLE?
SAMPLE CONSISTS OF: Brown paper bag 1 lb of dead bees COMMODITY (Acres, if applicable) Bees	SAMPLE IDENTIFICATION MARKS LG031213-2	<input type="checkbox"/> HEALTH HAZARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
		<input type="checkbox"/> PLANT SYMPTOMS	<input checked="" type="checkbox"/> ANIMAL ILLNESS/ BEE LOSS
		<input type="checkbox"/> ENVIRONMENTAL EFFECTS	IS THIS A COMPOSITE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

DESCRIPTION OF PROBLEM
Bees may have been killed by pesticides

SAMPLE COLLECTOR'S SIGNATURE	PRINT NAME Cory Shares	DATE SAMPLE COLLECTED 03-08-13
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D. Laboratory Instructions		SAMPLE DISCARD DATE 7/15/13	COMMENTS
SAMPLE PRIORITY (Priority descriptions on reverse side of this form) <input type="checkbox"/> #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/> #3			

E. Specific Analysis Requested	PESTICIDE DETECTED	AMOUNT	UNITS	MDL	EXT CODE	DET CODE
<input checked="" type="checkbox"/> Full Screen	See Attached Sheet					
<input type="checkbox"/>						
<input type="checkbox"/>						
SCREENS						
<input type="checkbox"/> ORGANOPHOSPHATE (OP)						
<input type="checkbox"/> CARBAMATE (CARB)						
<input type="checkbox"/> CHLORINATED HYDROCARBON (CHC)						
<input type="checkbox"/> SURFACE/SWAB (Indicate total Surface Area)						
<input type="checkbox"/> SURFACE/SWAB (Indicate Solvent Used)						
<input type="checkbox"/> DISLODGEABLE (Indicate Punch Size)						

DATE ANALYSIS COMPLETED 4/15/13	
CONFIRMED BY BC GAO LCMS	CHEMIST'S SIGNATURE [Signature]
RESULTS: <input type="checkbox"/> FAXED <input type="checkbox"/> PHONED <input type="checkbox"/> DATE <input type="checkbox"/> SAMPLE REJECTED	

You must complete the custody record on reverse side of this form or samples may not be analyzed.

6

R13C00068

[illegible]

SAMPLE ANALYSIS REPORT

PR-ENF-030 (REV. 11/05)

Page 1 2

Important:

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4. The original will be returned to you.

For Laboratory Use Only

LABORATORY CONDUCTING ANALYSIS

☐ ANAHEIM☐ SACRAMENTODATE SAMPLE
RECEIVED

3-19-13

TIME RECEIVED

0230

LABORATORY NUMBER

R13C00069

A. Sample Analysis Requester

AGENCY NAME (Complete name)

DPR (Central Regional Office - Loule Guerra)

TELEPHONE NUMBER

(559) 248-8111

FAX NUMBER

(559) 243-8115

ADDRESS

1130 E. Shaw Ave Suite 100

CITY

Fresno

STATE

CA

ZIP CODE

93710

B. Sample Source

PROPERTY OPERATOR/COMPLAINANT NAME

Randy Verhoeck

OPERATOR IDENTIFICATION OR PERMIT NO.

TELEPHONE NUMBER

ADDRESS

P.O. Box 599

CITY

Danbury

STATE

Texas

ZIP CODE

77534

SECTION, TOWNSHIP, RANGE

Madera

SAMPLE LOCATION (Address or Description)

Hwy 145

SITE IDENTIFICATION NUMBER

COUNTY

Madera

C. Sample Information

SAMPLE CONSISTS OF:

Brown paper bag 1 lb of dead bees

BASIS FOR SAMPLE (Check one box only)

☐ HEALTH

HAZARD

☒

ANIMAL ILLNESS/

BEE LOSS

☐

PLANT

SYMPTOMS

☐

ENVIRONMENTAL

EFFECTS

IS THIS A CONTROL SAMPLE?

☐ YES ☒ NO

IS THIS A COMPOSITE?

☒ YES ☐ NO

COMMODITY (Acres, if applicable)

Bees

SAMPLE IDENTIFICATION MARKS

LG031213-3

DESCRIPTION OF PROBLEM

Bees may have been killed by pesticides

SAMPLE COLLECTOR'S SIGNATURE

PRINT NAME

Cory Shares

DATE SAMPLE COLLECTED

03-08-13

D. Laboratory Instructions

SAMPLE PRIORITY (Priority descriptions on reverse side of this form)

☐ #1☒ #2☐ #3

SAMPLE DISCARD DATE

7/15/13

COMMENTS

E. Specific Analysis Requested

☒ Full Screen

PESTICIDE DETECTED

See Attached Sheet

AMOUNT

UNITS

MDL

EXT CODE

DET CODE

SCREENS

☐ ORGANOPHOSPHATE (OP)☐ CARBAMATE (CARB)☐ CHLORINATED HYDROCARBON (CHC)☐ SURFACE/SWAB (Indicate total Surface Area)☐ SURFACE/SWAB (Indicate Solvent Used)☐ DISLODGEABLE (Indicate Punch Size)

DATE ANALYSIS COMPLETED

4/15/13

CONFIRMED BY

G. L. Q. Q. Q.
LCMS

CHEMIST'S SIGNATURE

X. Mas

RESULTS: ☐ FAXED ☐ PHONED DATE

SAMPLE REJECTED

You must complete the custody record on reverse side of this form or samples may not be analyzed.